

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	10/005,485	AMINE, GILBERT A.
	Examiner Quoc D. Tran	Art Unit 2643

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS**. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 4/18/2005.
2.  The allowed claim(s) is/are 60-100,109-116,127-178 and 186-201.
3.  The drawing(s) filed on 22 May 2002 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

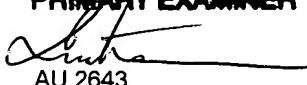
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**.

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_.
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

**QUOCTRAN**  
**PRIMARY EXAMINER**  
  
AU 2643

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 60-100, 109-116, 127-178 and 186-201 allowed.
2. The following is an examiner's statement of reasons for allowance:

Applicant invention is drawn to a testing system for measuring the quality of service of a voice communication in a packet-based modern telephone network and for analyzing adherence to a communication protocol. The system comprises a connector adapted to make a connection to a test point in the packet-based network, and an analyzer that measures a quality of service of a voice signal transmitted over the packet-based network and analyzes adherence to a communication protocol at the test point. The analyzer comprises a computer, a configuration module that configures the computer to interface with the packet-based network, a quality of service analysis module that performs an analysis of the quality of service of the voice signal, a communications protocol analysis module that performs an analysis of adherence to the communication protocol, and a report generator that reports a result of the analysis.

Prior art of record failed to teach or fairly suggest in combination the system and method for measuring quality of voice services on modern telephony networks, including VON, PSTN, and hybrid VON/PSTN networks, said system comprising an analyzer that measures quality of service of a signal transmitted over the telephony network; wherein said analyzer further comprises: a quality of service analysis subsystem that performs an *analysis of said quality of service of said signal*; and a communications protocol analysis subsystem that performs an *analysis of adherence to said communication protocol*; and wherein said analyzer further

comprises a report generator that *reports both a result of said analysis of said quality of service of said signal and said analysis of adherence to said communication protocol.*

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any response to this action should be mailed to:

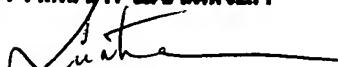
Mail Stop \_\_\_\_ (explanation, e.g., Amendment or After-final, etc.)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Facsimile responses should be faxed to:  
**(703) 872-9306**  
Hand-delivered responses should be brought to:  
Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Quoc Tran** whose telephone number is **(571) 272-7511**. The examiner can normally be reached on M, T, TH and Friday from 8:00 to 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Curtis Kuntz**, can be reached on **(571) 272-7499**.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the **Technology Center 2600** whose telephone number is **(571) 272-2600**.

**QUOCTRAN**  
**PRIMARY EXAMINER**

  
AU 2643

June 10, 2005